

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/16474

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07C67/52, 69/76, 69/78, 69/92, C07B57/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07C67/52, 69/76, 69/78, 69/92, 209/88, 211/11,
C07C211/27, 213/10, 215/44, 253/34, 255/24, C07D207/09,
C07B57/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 3-72446 A (Toray Industries, Inc.), 27 March, 1991 (27.03.91), (Family: none)	1-7
A	JP 3-223236 A (Toray Industries, Inc.), 02 October, 1991 (02.10.91), (Family: none)	1-7
A	WO 00/17153 A1 (LONZA AG.), 30 March, 2000 (30.03.00), & EP 1115696 A1 & US 6462229 B1 & JP 2002-526468 A	1-7

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not
 considered to be of particular relevance
 "E" earlier document but published on or after the international filing
 date
 "L" document which may throw doubts on priority claim(s) or which is
 cited to establish the publication date of another citation or other
 special reason (as specified)
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 means
 "P" document published prior to the international filing date but later
 than the priority date claimed

"T" later document published after the international filing date or
 priority date and not in conflict with the application but cited to
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 "X" document of particular relevance; the claimed invention cannot be
 considered novel or cannot be considered to involve an inventive
 step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be
 considered to involve an inventive step when the document is
 combined with one or more other such documents, such
 combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
 12 March, 2004 (12.03.04)

Date of mailing of the international search report
 06 April, 2004 (06.04.04)

Name and mailing address of the ISA/
 Japanese Patent Office

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